

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/079,130A

Source: 1Fw/6

Date Processed by STIC: 9/13/05

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 09/13/2005
 PATENT APPLICATION: US/10/079,130A TIME: 07:54:45

Input Set : A:\21099.0074U2_1.txt
 Output Set: N:\CRF4\09132005\J079130A.raw

```

4 <110> APPLICANT: Meagher, Richard B.
5      Laterza, Vince
7 <120> TITLE OF INVENTION: RAPID PRODUCTION OF MONOCLONAL
8      ANTIBODIES
10 <130> FILE REFERENCE: 21099.0074U2
12 <140> CURRENT APPLICATION NUMBER: 10/079,130A
13 <141> CURRENT FILING DATE: 2002-02-20
15 <150> PRIOR APPLICATION NUMBER: 60/270,322
16 <151> PRIOR FILING DATE: 2001-02-20
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 681
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
29      synthetic construct
31 <400> SEQUENCE: 1
32 aagcttgcca ccatgccagg gggctagaa gccctcagag ccctgcctct cctcctcttc      60
33 ttgtcatacg cctgtttggg tcccggatgc caggccctgc gggtagaagg ggggccacca      120
34 tccctgacgg tgaacttggg cgaggaggcc cgcctcacct gtgaaaacaa tggcagggaac      180
35 cctaatatca catggtggtt cagccttcag tctaacatca catggccccc agtgccactg      240
36 ggtcctggcc aggttaccac aggccagctg ttcttccccg aagtaaacaa gaaccacagg      300
37 ggctgtgact ggtgccaaagt gatagaaaac aacatattaa aacgctcctg tggtagcttac      360
38 ctccgcgtgc gcaatccagt ccctaggccc ttcttggaac tgggggaagg taccaagaac      420
39 cgcacatca cagcagaagg gatcatcttg ctgttgtgtg cagtgggtgcc agggacgctg      480
40 ctgctattca ggaaacggtg gcaaaatgag aagtttgggg tggacatgcc agatgactat      540
41 gaagatgaaa atctctatga gggcctgaac cttgatgact gttctatgta tgaggacatc      600
42 tccaggggac tccagggcac ctaccaggat gtgggcaacc tccacattgg agatgcccg      660
43 ctggaaaagc catgagaatt c                                     681
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 705
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
52      synthetic construct
54 <400> SEQUENCE: 2
55 aagcttgcca ccatggccac actggtgctg tcttccatgc cctgccactg gctgttggtc      60
56 ctgctgtgc tcttctcagg tgagccggtg ccagcaatga caagcagtga cctgccactg      120
57 aatttccaag gaagcccttg ttcccagatc tggcagcacc cgaggtttgc agccaaaaag      180
58 cggagctcca tggatgaagt tcaactgtac acaaaccact caggtgcact gacctggttc      240

```

RAW SEQUENCE LISTING

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:45

Input Set : A:\21099.0074U2_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw

```

59 cgaaagcgag ggagccagca gccccaggaa ctgggtctcag aagaggggacg cattgtgcag      300
60 acccagaatg gctctgtcta caccctcact atccaaaaca tccagtacga ggataatggt      360
61 atctacttct gcaagcagaa atgtgacagc gcccaaccata atgtcaccga cagctgtggc      420
62 acggaacttc tagtcttagg attcagcacg ttggaccaac tgaagcggcg gaacacactg      480
63 aaagatggca ttatcttgat ccagaccctc ctcatcatcc tcttcatcat tgtgcccac      540
64 ttcctgctac ttgacaagga tgacggcaag gctgggatcg aggaagatca cacctatgag      600
65 ggcttgaaca ttgaccagac agccacctat gaagacatag tgactcttcg gacaggggag      660
66 gtaaagtggg cggtaggaga gcatccaggc caggaatgac tcgag                          705
68 <210> SEQ ID NO: 3
69 <211> LENGTH: 220
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
75     synthetic construct
77 <400> SEQUENCE: 3
78 Met Pro Gly Gly Leu Glu Ala Leu Arg Ala Leu Pro Leu Leu Leu Phe
79 1          5          10          15
80 Leu Ser Tyr Ala Cys Leu Gly Pro Gly Cys Gln Ala Leu Arg Val Glu
81          20          25          30
82 Gly Gly Pro Pro Ser Leu Thr Val Asn Leu Gly Glu Glu Ala Arg Leu
83          35          40          45
84 Thr Cys Glu Asn Asn Gly Arg Asn Pro Asn Ile Thr Trp Trp Phe Ser
85          50          55          60
86 Leu Gln Ser Asn Ile Thr Trp Pro Pro Val Pro Leu Gly Pro Gly Gln
87 65          70          75          80
88 Gly Thr Thr Gly Gln Leu Phe Phe Pro Glu Val Asn Lys Asn His Arg
89          85          90          95
90 Gly Leu Tyr Trp Cys Gln Val Ile Glu Asn Asn Ile Leu Lys Arg Ser
91          100         105         110
92 Cys Gly Thr Tyr Leu Arg Val Arg Asn Pro Val Pro Arg Pro Phe Leu
93          115         120         125
94 Asp Met Gly Glu Gly Thr Lys Asn Arg Ile Ile Thr Ala Glu Gly Ile
95          130         135         140
96 Ile Leu Leu Phe Cys Ala Val Val Pro Gly Thr Leu Leu Leu Phe Arg
97 145         150         155         160
98 Lys Arg Trp Gln Asn Glu Lys Phe Gly Val Asp Met Pro Asp Asp Tyr
99          165         170         175
100 Glu Asp Glu Asn Leu Tyr Glu Gly Leu Asn Leu Asp Asp Cys Ser Met
101          180         185         190
102 Tyr Glu Asp Ile Ser Arg Gly Leu Gln Gly Thr Tyr Gln Asp Val Gly
103          195         200         205
104 Asn Leu His Ile Gly Asp Ala Gln Leu Glu Lys Pro
105          210         215         220
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 228
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:45

Input Set : A:\21099.0074U2_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw

114 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
 115 synthetic construct

117 <400> SEQUENCE: 4

118 Met Ala Thr Leu Val Leu Ser Ser Met Pro Cys His Trp Leu Leu Phe
 119 1 5 10 15
 120 Leu Leu Leu Leu Phe Ser Gly Glu Pro Val Pro Ala Met Thr Ser Ser
 121 20 25 30
 123 Asp Leu Pro Leu Asn Phe Gln Gly Ser Pro Cys Ser Gln Ile Trp Gln
 124 35 40 45
 125 His Pro Arg Phe Ala Ala Lys Lys Arg Ser Ser Met Val Lys Phe His
 126 50 55 60
 127 Cys Tyr Thr Asn His Ser Gly Ala Leu Thr Trp Phe Arg Lys Arg Gly
 128 65 70 75 80
 129 Ser Gln Gln Pro Gln Glu Leu Val Ser Glu Glu Gly Arg Ile Val Gln
 130 85 90 95
 131 Thr Gln Asn Gly Ser Val Tyr Thr Leu Thr Ile Gln Asn Ile Gln Tyr
 132 100 105 110
 133 Glu Asp Asn Gly Ile Tyr Phe Cys Lys Gln Lys Cys Asp Ser Ala Asn
 134 115 120 125
 135 His Asn Val Thr Asp Ser Cys Gly Thr Glu Leu Leu Val Leu Gly Phe
 136 130 135 140
 137 Ser Thr Leu Asp Gln Leu Lys Arg Arg Asn Thr Leu Lys Asp Gly Ile
 138 145 150 155 160
 139 Ile Leu Ile Gln Thr Leu Leu Ile Ile Leu Phe Ile Ile Val Pro Ile
 140 165 170 175
 141 Phe Leu Leu Leu Asp Lys Asp Asp Gly Lys Ala Gly Met Glu Glu Asp
 142 180 185 190
 143 His Thr Tyr Glu Gly Leu Asn Ile Asp Gln Thr Ala Thr Tyr Glu Asp
 144 195 200 205
 145 Ile Val Thr Leu Arg Thr Gly Glu Val Lys Trp Ser Val Gly Glu His
 146 210 215 220
 147 Pro Gly Gln Glu
 148 225

150 <210> SEQ ID NO: 5

151 <211> LENGTH: 49

152 <212> TYPE: DNA

153 <213> ORGANISM: Artificial Sequence

155 <220> FEATURE:

156 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
 157 synthetic construct

159 <400> SEQUENCE: 5

160 tagtgaacta gtaagcttgc caccatgccca gggggtctag aagccctca

49

162 <210> SEQ ID NO: 6

163 <211> LENGTH: 42

164 <212> TYPE: DNA

165 <213> ORGANISM: Artificial Sequence

167 <220> FEATURE:

168 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
 169 synthetic construct

RAW SEQUENCE LISTING

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:45

Input Set : A:\21099.0074U2_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw

```

171 <400> SEQUENCE: 6
172 gtctagatcg atgaattctc atggcttttc cagctgggca tc          42
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 48
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
181     synthetic construct
183 <400> SEQUENCE: 7
184 tagtgaacta gtaagcttgc caccatggcc aactggtgc tgtcttcc      48
186 <210> SEQ ID NO: 8
187 <211> LENGTH: 48
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
193     synthetic construct
195 <400> SEQUENCE: 8
196 gtctagatcg atctcgagtc attcctggcc tggatgctct cctaccga      48

```

VERIFICATION SUMMARY

DATE: 09/13/2005

PATENT APPLICATION: US/10/079,130A

TIME: 07:54:46

Input Set : A:\21099.0074U2_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw